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[22] [45]	Appl. No. Filed Patented Assignee	Morton Grove; Richard F. Maier, Chicago, Ill.; Robert I. Foster, Bountiful, Utah 40,829 May 27, 1970 Nov. 23, 1971 C. P. Clare & Company Chicago, Ill.
[54]		RD ASSEMBLY 2 Drawing Figs.
[52]	U.S. Cl	
	*	340/345
[50]	Field of Sea	arch
		347, 365, 166, 172.5, 171

References Cited	
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53 Du Vall 70 Clapp et al	340/345 X 340/171
/196	UNITED STATES PATENTS //1963

ABSTRACT: A keyboard assembly for detecting closures in a plurality of switches places in rows and columns to form a matrix or keyboard, each switch representing a distinct data item, includes a signal source continuously operating first and second shift registers in asynchronous relation to each other to provide a distinct register setting for each of the switches. Whenever one of the switches is closed, a control circuit interrupts or arrests the continuous operation of the first and second shift registers in the distinct setting representing the closed switch and shortly thereafter supplies a strobe signal to enable a data utilization device to receive a coded representation of the distinct setting from a read only memory coupled to and controlled by the first and second shift registers.

